3/18/08

PART B - FEE(S) TRANSMITTAL Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 (571)-273-2885 or <u>Fax</u> This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where application of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee polifications. maintenance fee notifications Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) 7590 12/17/2007 Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below. Docket Clerk P.O. Box Drawer 800889 Dallas, TX 75380 03/18/2008 HDEMESS2 00000062 10038872 (Depositor's name) (Signature 01 FC:1501 1440.00 OP 300.00 OP 02 FC:1504 (Date) 03 FC:800 .00 NP APPLICATION NO. FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO FILING DATE SAMS01-00188 6634 10/038,872 12/31/2001 David Allan Collins TITLE OF INVENTION: DISTRIBUTED IDENTITY SERVER FOR USE IN A TELECOMMUNICATION SWITCH PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE SMALL ENTITY **ISSUE FEE DUE** APPLN. TYPE \$300 \$1740 03/17/2008 nonprovisional \$1440 ART UNIT **CLASS-SUBCLASS EXAMINER** PEREZ, ANGELICA 2618 455-453000 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (B) RESIDENCE: (CITY and STATE OR COUNTRY) (A) NAME OF ASSIGNEE Suwon-si, Republic of Korea Samsung Electronics Co., Ltd. Please check the appropriate assignee category or categories (will not be printed on the patent): 🔲 Individual 💆 Corporation or other private group entity 🚨 Government 4a. The following fee(s) are submitted: 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) A check is enclosed. Issue Fee Payment by credit card. Form PTO-2038 is attached. Publication Fee (No small entity discount permitted) The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 50-0208 (enclose an extra copy of this fo Advance Order - # of Copies 5. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. Authorized Signature John T. Mockler 39,775 Registration No. Typed or printed name

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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| Effective on 12/08/2004. | | | Complete if Known | | | | | | |
| See pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). | | | Application Number 10/0 | | 10/038,872 |)/038,872 | | | |
| FEE TRANSMITTAL | | | Filing Date Decer | | December 31, 20 | ember 31, 2001 | | | |
| For FY 2008 | | | First Named Inventor David Allan Collins | | ns | | | | |
| Applicant alsimo amell antitratatus. Cas 27 OFD 4 27 | | | Examiner Name Angelica Perez | | | | | | |
| Applicant claims small entity status. See 37 CFR 1.27 | | | Art Unit 2618 | | | | | | |
| TOTAL AMOUNT OF PA | AYMENT (\$) | 1,755.0 | 0 | Attorney Docke | et No. | 2002.02.004.NS | 0 | | |
| METHOD OF PAYMENT (check all that apply) | | | | | | | | | |
| Check Credit Card Money Order None Other (please identify): | | | | | | | | | |
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| Deposit Account Deposit Account Number: 50-0208 Deposit Account Name: Munck Butrus, P.C. For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) | | | | | | | | | |
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| Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee | | | | | | | | | |
| | / additional fee FR 1.16 and 1. | (s) or underpayme .17 | ents of fe | e(s) Cred | it any ove | rpayments | | | |
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| FEE CALCULATION | JII ON F 10-2030 | · | | | | · · · · · · · · · · · · · · · · · | | | |
| 1. BASIC FILING, SEA | ADCH AND | EYAMINATION | EEES | | | | | | |
| 1. BASIC FILING, SEA | FILING | | | CH FEES | EXAM | INATION FEES | | | |
| Application Type | Fee (\$) | Small Entity | | Small Entity | Foo | Small Entity | Fees Paid (\$) | | |
| Utility | 310 | <u>Fee (\$)</u> 155 | <u>Fee (\$</u> 510 | 1 <u>Fee (\$)</u> 255 | <u>Fee</u> 210 | | rees ruid (4) | | |
| Design | 210 | 105 | 100 | 50 | 130 | | | | |
| Plant | 210 | 105 | 310 | 155 | 160 | ••• | | | |
| Reissue | 310 | 155 | 510 | 255 | 620 | | | | |
| Provisional | 210 | 105 | 0 | 0 | 020 | 0.10 | | | |
| 2. EXCESS CLAIM F | | 103 | U | U | U | U | Small Entity | | |
| Fee Description | | | | | | Fee (\$) | Fee (\$) | | |
| Each claim over 20 | | | | | | 50 | 25 | | |
| Each independent of | ues) | | | 210 370 | 105 185 | | | | |
| Multiple dependent Total Claims | Fee | Paid (\$) | | | Pependent Claims | | | | |
| <u>Total Claims</u> <u>Extra Claims</u> <u>Fee (\$)</u> <u>Fee Paid (\$)</u> <u>M</u> | | | | | | | Fee Paid (\$) | | |
| HP = highest number of total claims paid for, if greater than 20. | | | | | | | | | |
| Indep. Claims | | | | | | | | | |
| HP = highest number of independent claims paid for, if greater than 3. | | | | | | | | | |
| 3. APPLICATION SIZE FEE If the appairment and drawings exceed 100 sheets of paper (evaluding electronically filed sequence or computer | | | | | | | | | |
| If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$260 (\$130 for small entity) for each additional 50 | | | | | | | | | |
| sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). | | | | | | | | | |
| <u>Total Sheets</u> 100 = | Extra Shee | <u>Numb</u> /50 = | er of eac | h additional 50 of tound up to a | or fraction whole number of the contract of th | n thereof Fee mber) x | = (\$) Fee Paid (\$) | | |
| 4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount) Fees Paid (| | | | | | | | | |
| Other (e.g., late filing surcharge): Issue Fee (\$1,440), publication fee (\$300) and copies of patent (\$15) | | | | | | | \$1,755 | | |

| SUBMITTED BY | _ | 4 | | | |
|-------------------|----|--------------|---------|--|------------------------|
| Signature | 7 | du J | Merkeln | Registration No. (Attorney/Agent) 39,775 | Telephone 972-628-3600 |
| Name (Print/Type) | Jo | n T. Mockler | | | Date/7 March 2008 |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.